

Project Proposer:

*Contact person/spokesperson: Name, address, phone, e-mail address:

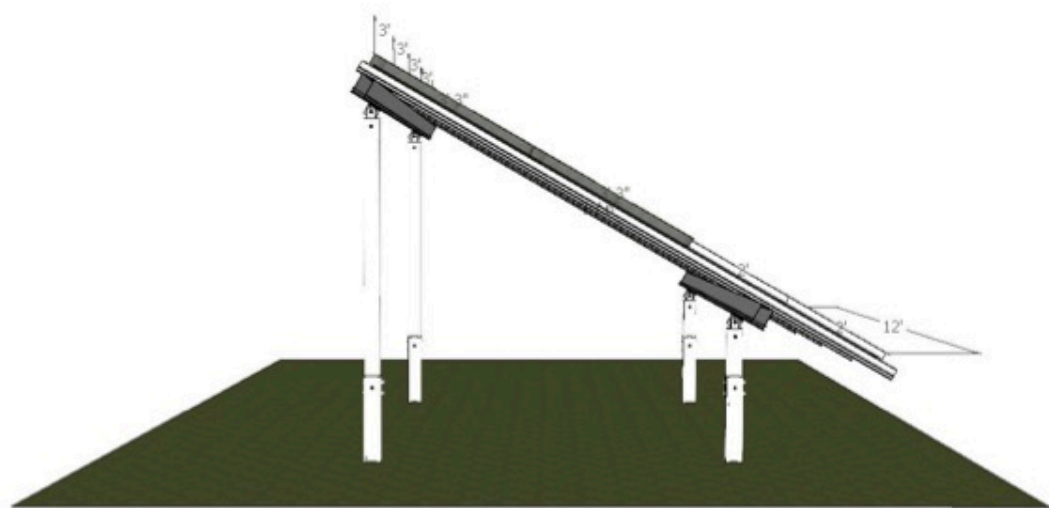
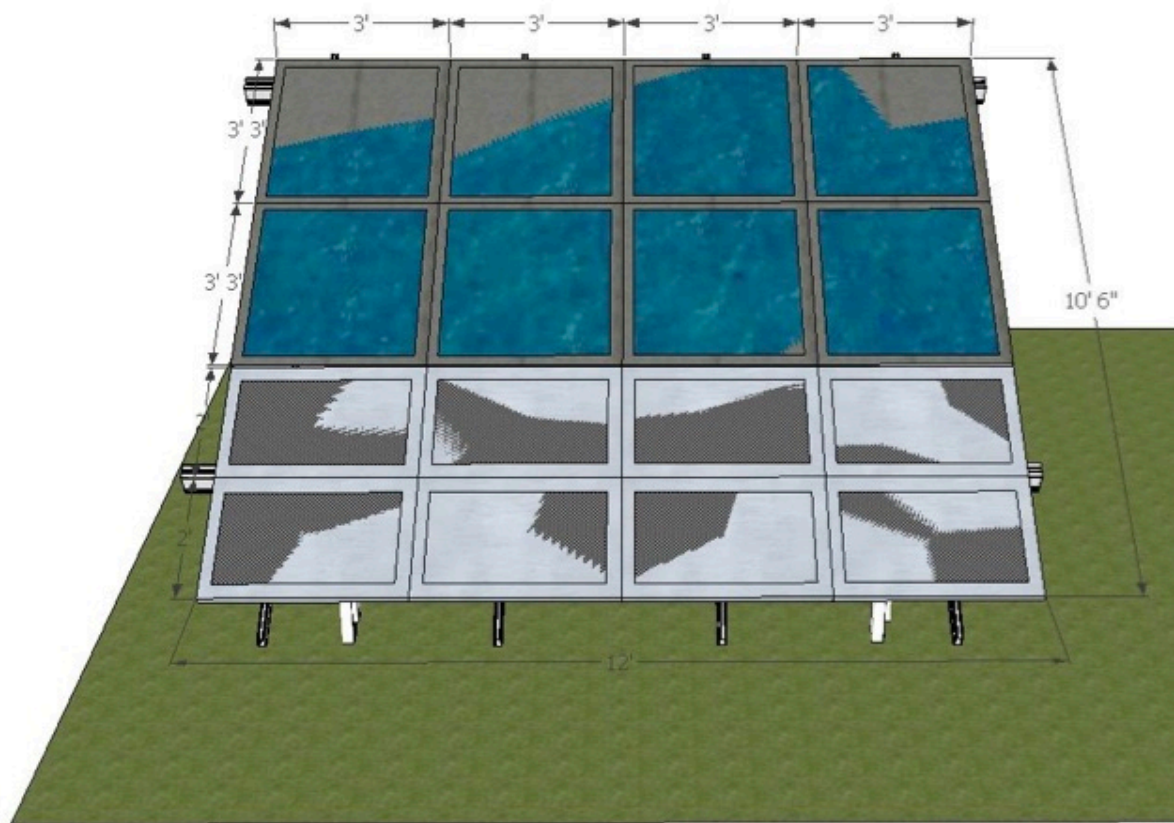
Doug Winkie, 247 Freshwater Way, Suite 240, Milwaukee, WI 53204, 414-585-8000, dsw@solarwaterworks.org

*General Project Description: Briefly describe the overall purpose and nature of the proposed development.

This project consists of an ‘end of pipe’ solar-powered treatment system for disinfection of bacteria in stormwater discharges near Lake Michigan beaches.

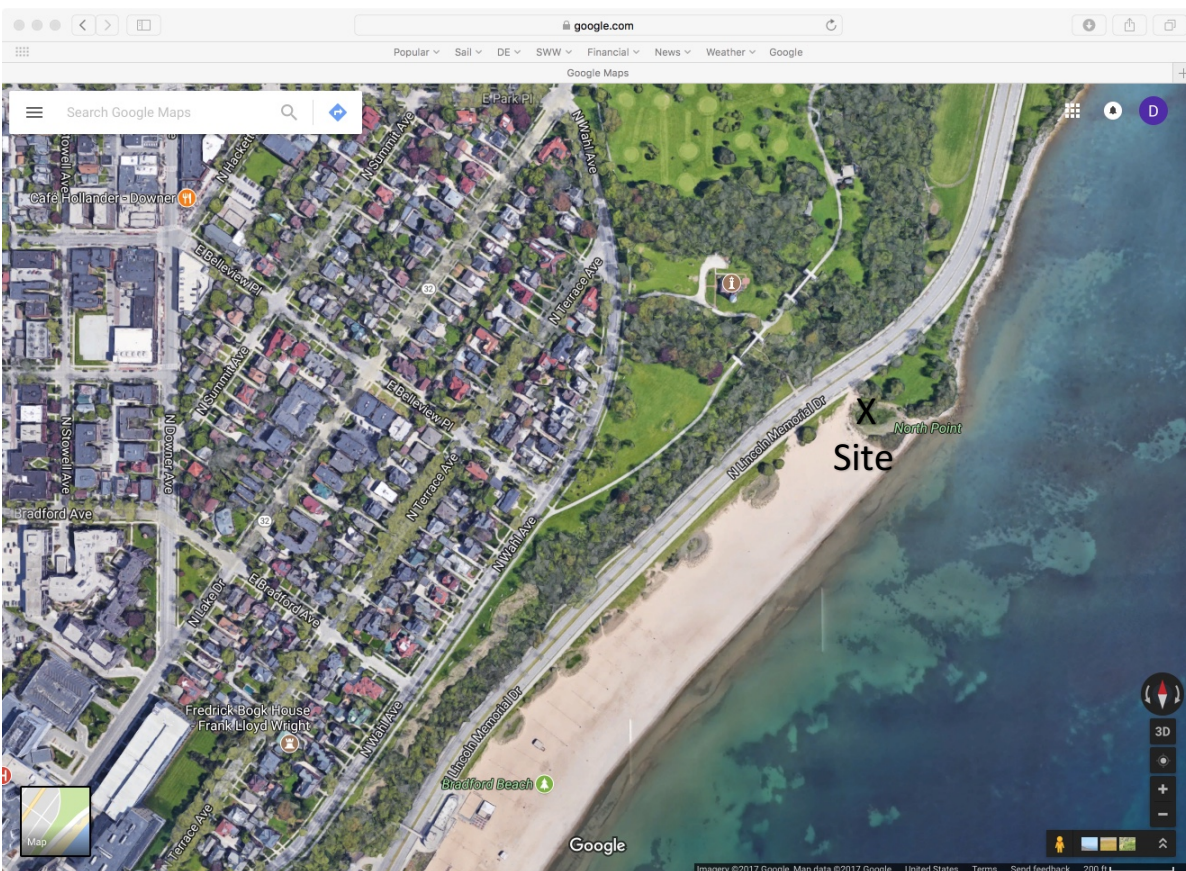
Buildings or other structures: identify all buildings, structures or other physical additions to the site that will be part of the project. Describe new construction or installation and any modification of existing structures. For each building, structure or other physical addition to the site, describe its proposed use or uses. Describe the design of each structure or physical addition to the site. Supply photographs or drawings of each. A scale model of the proposed project would be helpful to the Commission’s understanding of what you propose.

There will be an 10’ x 10’ solar panel mounting rack located at the stormwater outfall (see drawing).



*Proposed site: Describe the particular location. Attach a map or diagram showing the site boundaries. Indicate the owner or owners of the proposed site. Indicate the acreage or square feet of the proposed site. If shoreline is to be used, indicate how much. Describe how the proposed site is used now.

The site is located in an unlandscaped grassy area to the north of Bradford Beach (see photos). The site is currently used only for the storm sewer outfall.





Landscaping: Describe the landscaping your project will include.

No Landscaping will be done.

Parking: How many parking spaces will be required when your proposed project is in peak use? Describe where you propose that the required parking will be. How will the parking your project will require affect availability of parking for others? Will your parking needs increase in the future? If so, where do you propose the additional parking will be located?

No additional parking will be required.

Traffic and pedestrian flow: Describe the traffic patterns that will result from your proposed project. Describe how pedestrian traffic will flow.

There will be no impact on traffic or pedestrian flow.

Proposed arrangements for use of site: If site is to be leased, indicate lease term and rent. If purchased, indicate purchase price. List any

special terms or conditions of the sale or lease.

The site is owned by Milwaukee County, who also owns the treatment system.

Describe the impact your proposed project will have on each of the following: Promotion of clean water. Reduction of air pollution. Noise levels. Traffic congestion. Litter reduction.

The project will directly promote clean water without any impact on air pollution, noise levels, traffic congestion or litter.

*Describe the area surrounding the proposed site. Identify how each part of the surrounding area is currently used. Identify all impacts your proposed project will have on use of the surrounding area.

The area immediately to the south is Bradford Beach. The site is hidden from Bradford Beach, and not accessible due to thick vegetation and rough terrain. The area to the north is a park-like mown grassy area. The site is slightly visible from this area, but not accessible for the reasons given above. The project will have no impact on the use of either area.

*Describe how your project will change site lines and vistas of the Lake. *Access to the Lake: Describe how your project will affect access to the Lakefront area generally and particularly to the water's edge.

The project will have no impact to sight lines and vistas of the lake. It will also not impact access to the Lake.

Food service: Do you propose to provide food service. If you do, describe the nature and extent of the service to be provided. Include proposed hours, any limits on who will be served, projected meal or sample item price ranges.

No food service will be provided.

Great Lakes history: How does your proposal convey our Great Lakes

History? How will it preserve our lake Michigan heritage? How will it leave a legacy for the future?

The project will provide a low-impact solution to lake pollution which preserves the historical shoreline.

Open Space and Recreational Role of Parkland: How will your project impact the traditional open space and recreational role of lakefront parkland?

No impact

*Necessity for lakefront site: Is the use you propose now located away from the lakefront? Can the use you propose be located away from the lakefront? Describe the efforts you have undertaken to locate a site for your proposed project away from the lakefront. If you believe your project can only be located at the proposed lakefront site, please explain why.

This project can only be located at the proposed site because that is where the stormwater outfall is located.

Impact on space for temporary uses: How long will the use you propose be in place? What impact will your project have on the availability of space for temporary uses?

This project will be in place for 5 years. It will have minimal impact on the availability of the space for other temporary uses.

*Restoration plan when proposed use of site ends: What will be required if the use you propose for the site is no longer appropriate? How will the site be restored?

The system will be completely removed when the proposed use of the site ends, and there will be no permanent impacts to the site.

Expansion: Describe all future phases for your project and all anticipated future expansion. Identify all buildings, structures or other physical

improvements anticipated or that are desirable. Describe all anticipated future parking, roadway and other infrastructure needs. Describe the impact of your proposed project on the expansion possibilities and needs of nearby facilities now and in the future.

***Business plan viability:** Provide the business plan for your proposed project. Include all projected revenues and identify the proposed source or sources for each. List your anticipated expenses, both for beginning of your project and for continuing upkeep and maintenance. Demonstrate the long-term viability and sustainability of your proposed use of lakefront land. Indicate whether you have received or will be seeking support from any governmental source. Include any expectation that your project will receive the benefit of in kind contributions or reduced rates for goods or services.

**The project has been funded by the Fund for Lake Michigan.
Ongoing maintenance will be provided by Milwaukee County.**

***Your experience and resources:** Please describe the experience you have had with development and implementation of projects similar to the project you are proposing? Describe the qualifications and experience of the key people involved with implementing your proposal. Describe the funds and resources you have in hand to support the project and their source. Do you have adequate resources to go forward with the proposed project? Explain.

Solar Water Works has been implementing Solar PECO projects similar to this for the past 4 years. An identical project was installed in Wauwatosa in 2016. Doug Winkie has 30 years of professional engineering and project management experience.

***Future public investment:** Do you assume that any governmental body will make improvements to accommodate your project? Identify the governmental body you anticipate will make the changes and their cost. Will public investment be required in the future?

No public investment will be required.

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